1.10.051.006/0001



RAMO 22 K, M12, round collar, 2 NO, Gold, M12 4-pin A-coded, frontring black, 1 x 90°, 1 x 40°, momentary contact function / latching, key removal position 0

NEW



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Signalling systems
- > Vehicle construction
- > Chemical industry
- > Industrial robots

special features

- > Precise haptics
- > Safe gold contacts
- > Simple M12 plug&play connection
- > Protected contacts due to sealed housing

description

Keylock switch with various switching positions and M12 terminal

technical data

> general

illuminated No Color black

Collar color black Front ring color black Collar shape round -40 °C Operating temperature, min. Operating temperature, max. 85 °C Storage temperature, min. -40 °C Storage temperature, max. 90 °C

Shock resistance according to

standard IEC 60068-2-27

Packaging Box Packaging unit 2 pcs.

IEC 60068-2-14 Environment resistance

> IEC 60068-2-30 IEC 60068-2-78 50,000 Cycles

30 g at 11 ms amplitude semi-sinusoidal

Operating life 62,627 Cycles

Degree of protection, front side,

according to DIN EN 60529

Degree of protection, rear side,

according to DIN EN 60529

IP65

IP65

direct links

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described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own

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Salt-spray resistance according to

standard

RoHS compliant Yes
REACH compliant Yes

oscillation restistance according

to standard IEC 60068-2-6

5 g at 10...500 Hz

IEC 60068-2-11

> mounting diameters

Mounting hole 22.3 mm

Mounting depth 30 mm

Installation height 45 mm

Outside dimension, length 29.8 mm

Outside dimension, width 29.8 mm

Collar dimension 29.8 mm

> mechanical data

Actuation function latching / momentary

Operating force, max. 1.3 N

Contact function 2 NO

Contact material Gold

Key lock Kaba

Key removal position 0

Rotating angle $1 \times 90^{\circ}$, $1 \times 40^{\circ}$ Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

Terminal on the rear M12 4-pin A-coded

PIN 1 Normally open contact 1

Normally open contact 2

PIN 2 Normally open contact 2
PIN 4 Normally open contact 1

> electrical data

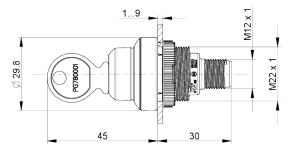
Rated voltage, min. 10 V Rated voltage, max. 32 V Rated current, max. 0.2 A

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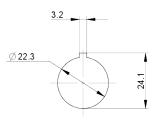


drawings

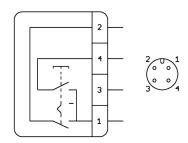
Dimensioned drawing



Mounting hole drawing



Schematic diagram



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